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ROLE AND IMPORTANCE OF GENETIC COUNSELING IN PRENATAL DIAGNOSIS OF DISEASE

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Genetic counseling may result in better outcomes when the participants understand what to expect, and at least theoretically, anybody could be suggested for a benefit from genetic counseling. Thus to identify cases around genetic counseling awareness and its perceptions of its purpose, we surveyed the Madhya Pradesh (India) region population. We acquired 150 respondents owing to demographically representative sample and called them to participate in a questionnaire survey. We administered a purpose planned review including questions with respect to their demographics, their occupation, age, regardless of whether the individual had known about hereditary advising, etc. Responses to these 20 questions were utilized to create a total –knowledge score^{ll}. Out of the 150 people, 109 individuals successfully submitted their response against the questionnaire and remaining 41 couldn't present the survey. Most of the respondents (52.7%) had not known about the term hereditary and some of them believed that hereditary guiding prevents genetic diseases and abnormalities. The subject of hereditary advising is of critical ramification for both the short and long haul; its ethical aspects are paramount. In the center of ethical questions is the comprehensiveness of information provided to the couples or patients and counseling them about results and making informed educated decisions. In addition, it is crucial how sensitive personal information is treated and whether and how it should be made public.

Keywords: Genetic counseling awareness, Genetic counseling, Genetic counselor, public perception.